

Title (en)
Electrophotographic toner composition.

Title (de)
Elektrophotographische Tonerzusammensetzung.

Title (fr)
Composition de toner électrophotographique.

Publication
EP 0005334 A1 19791114 (EN)

Application
EP 79300655 A 19790420

Priority
US 90096178 A 19780428

Abstract (en)
An electrophotographic toner composition which comprises a colorant and a resin. The resin is an amine copolymer or terpolymer having the formula: <CHEM> wherein M1 is a monomeric unit, such as styrene methyl methacrylate, n-butyl methacrylate, isobutyl styrene; M2 is a similar monomeric unit different from M1, R1 and R2 are independently selected from hydrogen and carbon containing radicals with from 1 to 8 carbon atoms, such as hydrocarbon and substituted hydro-carbon radicals, R3 is hydrogen or a hydrocarbon group with from 1 to 8 carbon atoms, n is an integer between 50 and 100,000 and Y is an integer between 1 and 5, said copolymer or terpolymer being prepared by vinyl or addition polymerization.

IPC 1-7
G03G 9/08

IPC 8 full level
G03G 9/087 (2006.01)

CPC (source: EP)
G03G 9/08728 (2013.01)

Citation (search report)

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- DE 1772439 A1 19710304 - RICOH KK
- DE 2512112 A1 19751002 - HITACHI CHEMICAL CO LTD, et al
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- CHEMICAL ABSTRACTS, Vol. 81, No. 6, August 12, 1974, Abstract No. 31850d, page 440, column 1 Columbus, Ohio (US) TOMARI, SEIJI: "Electrographic dry developer toner containing charge controlling polymers"; & JP-A-48 102 633 (CANON K.K.) * the entire Abstract *

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GB2159970A; US4656111A; EP0655657A1; US5521045A; FR2515374A1; GB2133169A; FR2539237A1; US4845005A

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